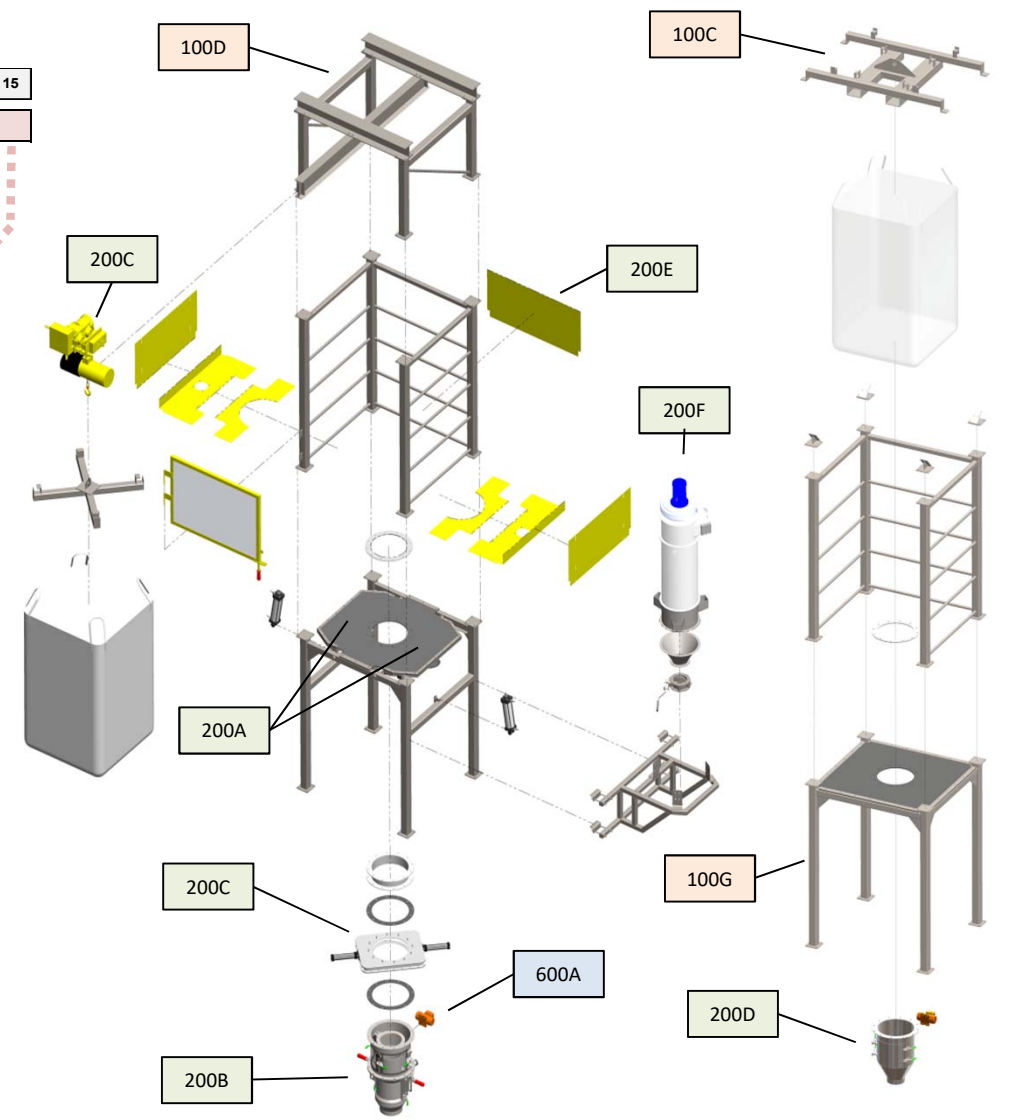


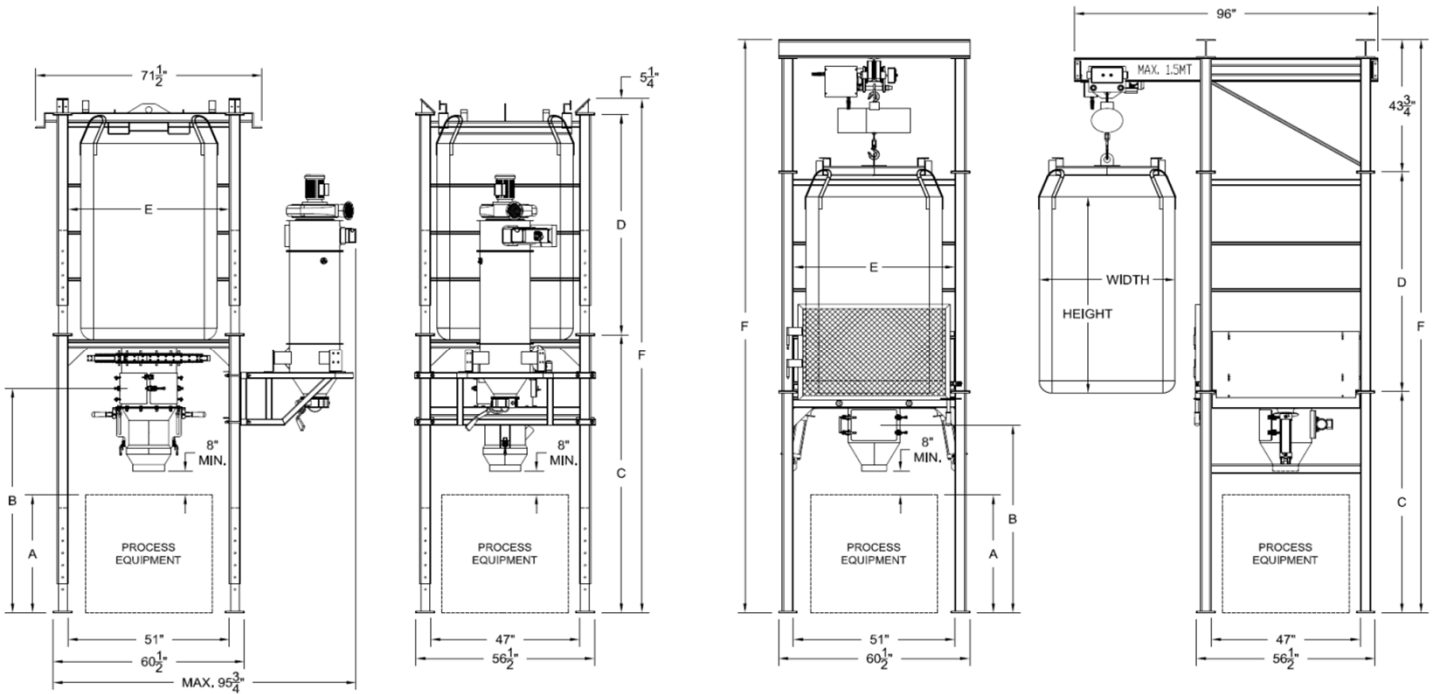
CONFIGURATION	
1	Forklift handling package for standard bulk bag <b>C</b> Standard hoist and trolley handling unit for standard bulk bag <b>D</b>
2	Bulk bag unloader standard structure <b>G</b> Bulk bag unloader standard structure with flexible membrane for big bag up to 48 in. width <b>G</b> Bulk bag unloader oversized structure with flexible membrane for big bag up to 54 in. width <b>W</b>
EXCLUSIVE OPTIONS	
3	Standard bulk bag unloader access hopper <b>D</b> Access hopper with advanced dust control <b>B</b>
4	Electric hoist & trolley <b>H</b> Manual hoist & trolley <b>I</b>
5	Bulk bag conditioning kit <b>A</b> Electropneumatic discharge spout closing device <b>C</b> Integrated machine guard assembly for increased operator safety <b>E</b> Integrated dust extraction system <b>F</b> Valve assembly to empty residual air from the bulk bag before disposal <b>G</b> Stabilizing legs for portable station <b>W</b> Pneumatic panel <b>DD</b> Weather shelter <b>DK</b>
6	DIS support <b>DE</b> Rotary airlock support <b>DF</b> Screw conveyor support <b>DG</b>
HOPPERS / TANKS	
7	60 ft³ <b>R</b> 100 ft³ <b>H</b> n/a <b>9</b>
INSTRUMENTS	
8	Solids level sensor - vibrating rod type <b>A</b> Door closing safety switch <b>E</b> Load cell kit with sumbox <b>J</b> n/a <b>9</b>

CERTIFICATION / CLASSIFICATION	
A	FDA
B	Class 2, division 2
C	Class 1, division 1
F	Non-classified
15	
CONTROL PANEL	
E	Local control panel
9	n/a
MATERIAL / FINISH / COATING	
1	Glass bead polished - exterior only
2	Glass bead polished - exterior and interior
3	Glass bead polished - interior only
5	Number 4 polish on welds in contact with the product
N	2B surface finish
13	No stainless steel surface finish required
EXTRACTOR / VIBRATOR	
E	EC1 epoxy coating system
H	PC1 polyurethane coating system
K	FC1 FDA epoxy coating system
M	without paint
O	Carbon steel for surfaces in contact with product
P	304L stainless steel for surfaces in contact with product
Q	316 stainless steel for surfaces in contact with product
A	Carbon steel construction
B	304L stainless steel construction
C	316 stainless steel construction
10	
EXTRACTOR / VIBRATOR	
A	Electric motorvibrator, 115V/1/60Hz
B	Electric motorvibrator, 460V/3/60 Hz
C	Electric motorvibrator, 600V/3/60 Hz
E	Electric motorvibrator, 380V/3/50-60Hz
D	Pneumatic vibrator
9	n/a



<p>1</p> <p>Forklift handling package (100C)      Hoist &amp; trolley unit (100DG)</p>	<p>2</p> <p>Oversized bulk bag structure (100CW)      Standard bulk bag structure (100CG)</p>	<p>5</p> <p>Bulk bag conditioning kit (200A)      Integrated machine guard assembly (200E)      Dust extraction system (200F)</p> <p>Pneumatic local panel (200DD)      Stabilizing legs for portable station (200W)      Bulk bag discharge spout closing device (200C)      Weather shelter (200DK)</p>	<p>4</p> <p>Manual hoist &amp; trolley (200I)      Electric hoist &amp; trolley (200H)</p> <p>6</p> <p>Make down system support (D.I.S.) (200DE)      Screw conveyor &amp; pneumatic transfer support (200DF)</p>	<p>8</p> <p>Door safety switch (500E)      Soliphant level switch (500A)</p> <p>9</p> <p>Electric motorvibrator (600A, B, C, E)      Pneumatic vibrator (600D)</p>	<p>7</p> <p>60 ft³ storage hopper (200R)</p>
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# "BBU" GENERAL SPECIFICATIONS CHART



		BULK BAG STATION DIMENSIONS											BAG DIMENSIONS			TOTAL CONSUMPTION			APPROX. WEIGHT								
		PROCESS EQUIPMENT "A"		ACCESS HOPPER DOOR "B"		BOTTOM STRUCTURE "C"		BULK BAG STRUCTURE "D"		BULK BAG STRUCTURE INSIDE WIDTH "E"		OVERALL HEIGHT "F"		MAX. WIDTH (in.)	MAX. HEIGHT (in.)		AIR	ELECTRIC	TOTAL		EACH LEG						
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	CFM	PSI	HP	A	lbs	kg	lbs	kg		
FORK LIFT MODELS	STD. ACCESS HOPPER	ELECTRIC MOTOVIBRATOR	BBU-100C.G-200D-600A	32	813	55,06	1399	66,06	1678	73	1848	51	1295	144,56	3672	48	1219	65	1651	-	-	0,13	TO BE DETERMINED	1306	594	327	148
		BAG CONDITIONING KIT ELECTRIC MOTOVIBRATOR	BBU-100C.G-200D.A+E-600A	32	813	55,06	1399	68,56	1741	73	1848	51	1295	147,06	3735	48	1219	65	1651	1	80	0,13		1720	782	430	195
		SPOUT CLOSING DEVICE BAG CONDITIONING KIT ELECTRIC MOTOVIBRATOR	BBU-100C.G-200D.A+C+E-600A	32	813	55,06	1399	75,69	1922	73	1848	51	1295	154,19	3916	48	1219	65	1651	2	80	0,13		1825	830	456	207
	DUST TIGHT ACCESS HOPPER	SPOUT CLOSING DEVICE BAG CONDITIONING KIT DUST EXTRACTION SYSTEM PNEUMATIC VIBRATOR	BBU-100C.G-200D.A+C+E+F+G-600D	32	813	55,06	1399	75,69	1922	73	1848	51	1295	154,19	3916	48	1219	65	1651	6	80	1,13		2450	1114	613	278
		DUST EXTRACTION SYSTEM ELECTRIC MOTOVIBRATOR	BBU-100C.G-200B.F+G-600D	32	813	67,13	1705	78,13	1984	73	1848	51	1295	156,63	3978	48	1219	65	1651	5	80	1,13		2011	914	503	229
		BAG CONDITIONING KIT DUST EXTRACTION SYSTEM ELECTRIC MOTOVIBRATOR	BBU-100C.G-200B.A+C+E+F+G-600D	32	813	67,13	1705	80,63	2048	73	1848	51	1295	159,13	4042	48	1219	65	1651	6	80	1,13		2425	1102	606	276
HOIST MODELS	STD. ACCESS HOPPER	SPOUT CLOSING DEVICE BAG CONDITIONING KIT ELECTRIC VIBRATOR	BBU-100C.G-200B.A+C+E+F+G-600D	32	813	67,13	1705	87,75	2229	73	1848	51	1295	166,25	4223	48	1219	65	1651	7	80	1,13	2530	1150	633	288	
		ELECTRIC MOTOVIBRATOR	BBU-100D.G-200H.D-600A	32	813	55,06	1399	66,06	1678	79	2013	51	1295	189,06	4802	48	1219	65	1651	-	-	3,13	1641	746	410	186	
		BAG CONDITIONING KIT ELECTRIC MOTOVIBRATOR	BBU-100D.G-200H.D.A+E-600A	32	813	55,06	1399	68,56	1741	79	2013	51	1295	191,56	4866	48	1219	65	1651	1	80	3,13	2055	934	514	234	
	DUST TIGHT ACCESS HOPPER	SPOUT CLOSING DEVICE BAG CONDITIONING KIT ELECTRIC MOTOVIBRATOR	BBU-100D.G-200H.D.A+C+E-600A	32	813	55,06	1399	75,69	1922	79	2013	51	1295	198,69	5047	48	1219	65	1651	2	80	3,13	2160	982	540	245	
		SPOUT CLOSING DEVICE BAG CONDITIONING KIT DUST EXTRACTION SYSTEM PNEUMATIC VIBRATOR	BBU-100D.G-200H.D.A+C+E+F+G-600D	32	813	55,06	1399	75,69	1922	79	2013	51	1295	198,69	5047	48	1219	65	1651	6	80	4,13	2785	1266	696	316	
		DUST EXTRACTION SYSTEM ELECTRIC MOTOVIBRATOR	BBU-100D.G-200H.B.F+G-600D	32	813	67,13	1705	78,13	1984	79	2013	51	1295	201,13	5109	48	1219	65	1651	5	80	4,13	2346	1066	587	267	
DUST TIGHT ACCESS HOPPER	BAG CONDITIONING KIT DUST EXTRACTION SYSTEM ELECTRIC MOTOVIBRATOR	BBU-100D.G-200H.B.A+E+F+G-600D	32	813	67,13	1705	80,63	2048	79	2013	51	1295	203,63	5172	48	1219	65	1651	6	80	4,13	2760	1255	690	314		
	SPOUT CLOSING DEVICE BAG CONDITIONING KIT DUST EXTRACTION SYSTEM ELECTRIC VIBRATOR	BBU-100D.G-200H.B.A+C+E+F+G-600D	32	813	67,13	1705	87,75	2229	79	2013	51	1295	210,75	5353	48	1219	65	1651	7	80	4,13	2865	1302	716	326		

  : According to your application

# DUST TIGHT AND PRODUCT LOSS SOLUTION

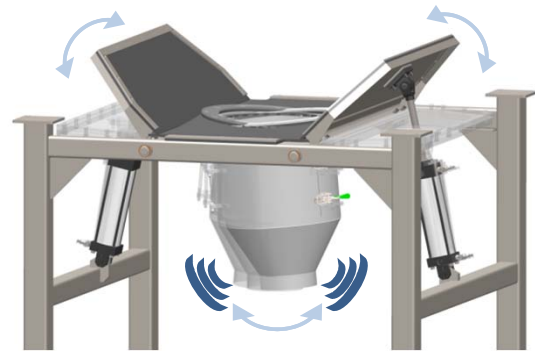
## Vibrating access hopper

Not only the hopper allows the connection with the discharge of the flexible container and your process equipments it offers all the features that you expect to find on such a device, it is, in addition, equipped with an air or electric vibrator. The action of these vibrators allows an optimal fluidity in the critical transition zone between the storage part (upper part) and the process (lower part). This optimized fluidization ensures a continuous and constant supply to the process.



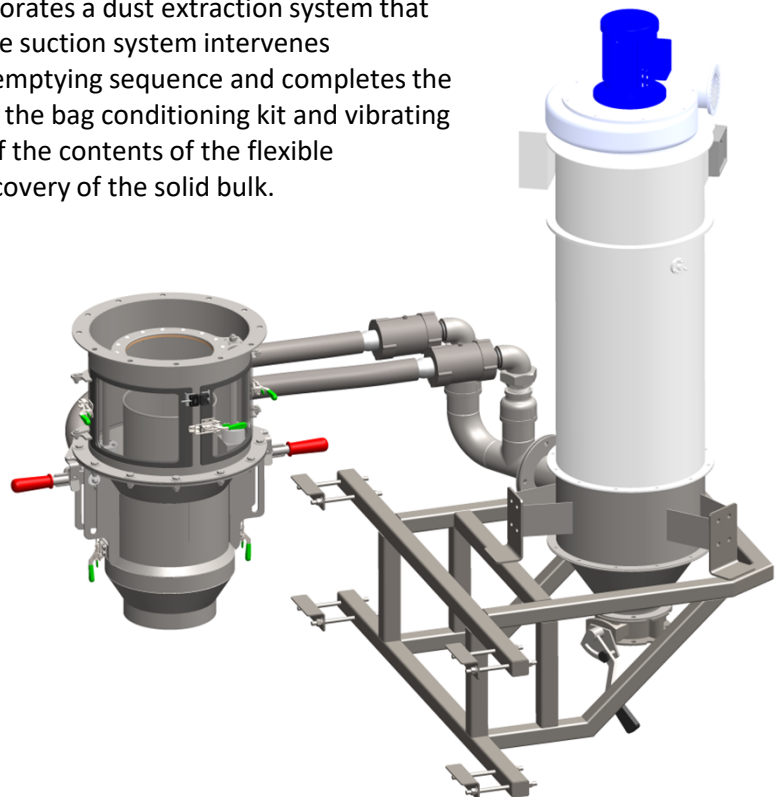
## Conditioning kit

A bag bottom massage system fluidizes the compacted materials allowing their free flow. This simple and reliable system, is designed to support and fluidize the contents of the heavier flexible containers!



## Dust extraction system

The CON-V-AIR bulk bag unloader "BBU" incorporates a dust extraction system that provides a cleaner work environment. This same suction system intervenes intensively at the end of the flexible container emptying sequence and completes the cycle. Once the bag is effectively emptied using the bag conditioning kit and vibrating hopper, the suction system removes as much of the contents of the flexible container as possible, thus ensuring optimal recovery of the solid bulk.



## DUST TIGHT ACCESS HOPPER FUNCTIONALITY



1. Unlatch 3x toggle clamps to open both access doors



2. Spread the bulk bag's discharge spout over sealing stub



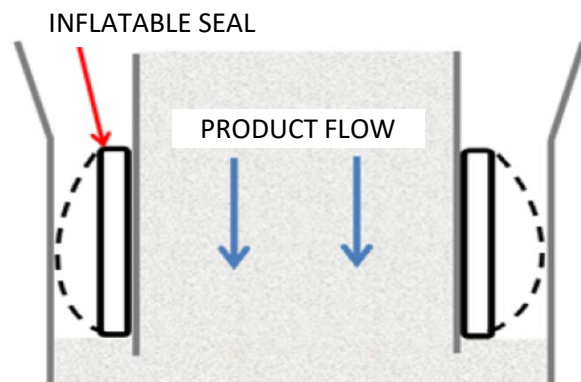
3. Pull both exterior handles to seal the spout



4. Lock sealing device with both toggle clamps

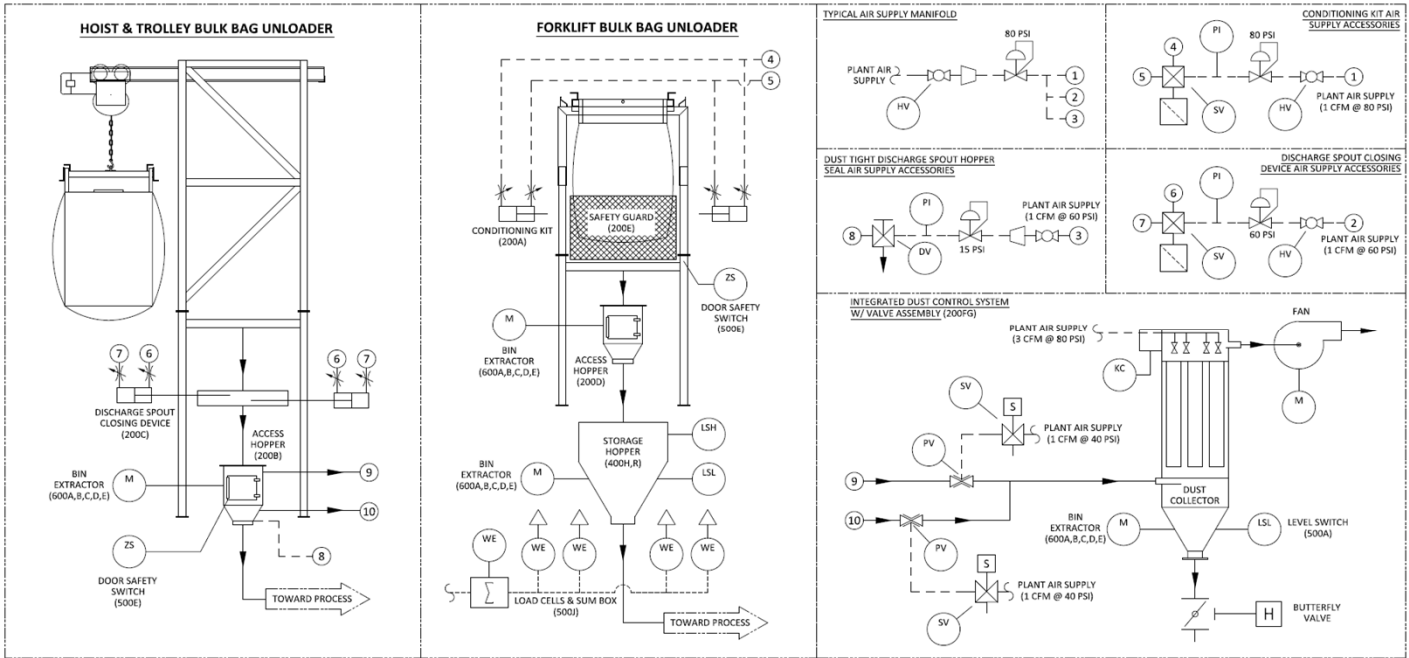


5. Untie bulk bag's discharge spout knot to let product flow freely



6. Get the most product with the inflatable seal and the dust collector system.

# "BBU" PROCESS & INSTRUMENTATIONS DIAGRAM



## TYPICAL "BBU" SYSTEM



## RELATED CON-V-AIR EQUIPMENTS

- Screw conveyor "CON"
- Wetting cone "WCC"

- Screw feeder "SCF"
- Double wall wetting cone "WCD"

- Big screw feeder "BSF"
- Hydro-injector FLEXTURI "FLX"

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